



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2529
Job Sheet 189350



Part No: D2529

Job Qty: 500 pcs

Part Name: Washer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/23/19

Job Tracking No:

Due Date: 1/31/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV E IPP: C 01.09.18 Added purchasing info CB IPP D 07.07.06 rev E dwg EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	DAS 500 13 pcs 9-89	500	1/31/19	0.00	0.00	Purchasing - 1		JAN 28 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	500 pcs		1/31/19	0.00	0.00	Packaging 2 - 1 - B4B		JAN 28 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		

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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S148345



Part: D2529

Job No: 189350

Serial No/Batch: S148345

Revision:

Inspector:

Exp Date:

Instructions:

Date: 01/28/19

						B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
120	QC 6	500 pcs	1/31/19	0.00	0.00	QC 6 - 38	DAS 38
						QC 6 - 42	9-89
						QC 6 - 9	
						QC 6 - 68	
						QC 6 - 61	
130	Packaging 3-1 - Stock - B4B	500 pcs	1/31/19	0.00	0.00	Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	
						Packaging 3 - 6 - B4B	
						Packaging 3 - 7 - B4B	
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	
						Packaging 3 - 18 - B4B	

					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	5008 ST JAN 30 2019
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
140	QC 21 - SA	500 pcs	1/31/19	0.00 0.00	QC 21 - SA - 21	21 JAN 30 2019
					QC 21 - SA - 70	70 JAN 30 2019
Part Op 100 - (Purchasing) Issue P/O: _____ Possible Supplier: Main Ind, P/N: PFS FW14S1 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached 120 - (QC6- All purchased or subcontracted products) 130 - (Identify as per dwg & Stock Location: _____) 140 - (QC21- Final Inspection - Work Order Release) Possible Supplier: Main Industrial, P/N: PFS FW14S1						
Job BOM						
Part / Item	Component Name	Quantity	Operation	Container		
PFS-FW14S1	Washer D2529	500 Ea (1 ea)	100-Purchasing	5148343		
Job Allocations						
Operation	Component Part	Required	Inventory	Allocated		
100-Purchasing	PFS-FW14S1	500	0	0		
Part Specifications						
Specifications could not be found.						

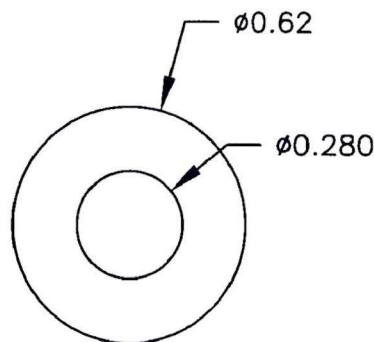
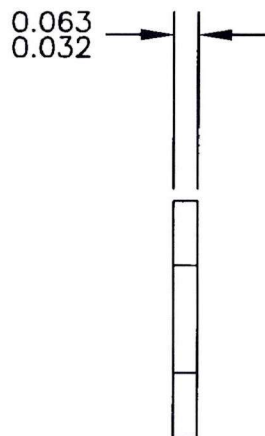
Plex 1/23/19 8:21 AM dart.lavoie.chantal

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>PH</i>	DRAWING NO. D2529	REV. E SHEET 1 OF 1
DATE 07.04.17		TITLE WASHER	SCALE 2:1

RELEASED
07.06.28 *PH*

A	95.12.22	NEW ISSUE
B	96:08:28	ADD SS
C	97:03:24	RE-DESIGN, CHANGE MATERIAL SPEC.
D	97.10.14	CHANGE THICKNESS (TSR A144)
E	07.04.17	UPDATE DRAWING NOTES

**D2529 WASHER**

- 1) MATERIAL: AISI 303 OR AISI 304/316 STAINLESS STEEL
(REF DART MATERIAL SPEC M303R OR M304R)
- 2) POSSIBLE SUPPLIER: ACKLANDS, P/N: PFS FW14S1
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES 0.005 TO 0.010 MAX

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Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042360



Supplier: MAI001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

PO No: PO042360

PO Date: 1/23/19

Due Date: 1/30/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
JAN 25 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

REVISED

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		SCR-55H	0-SCR55H	Pump Cylinder Set receive ea	Firmed	-	2/8/19	1 Ea	0 Ea	1 Ea	\$1,520.10/Ea	\$1,520.10
2		9010	0-GW9010D	5/16 SAE Combination Wrenching Wrench	Firmed	-	2/8/19	6 Ea	0 Ea	6 Ea	\$15.40/Ea	\$92.40
3		AB51127	AB51127	No. 27 Hs Taper Length	Firmed	-	2/2/19	6 Ea	0 Ea	6 Ea	\$7.75/Ea	\$46.50
4		AC40112	10-R18#12	No. 12 Us 118 Pol Hs Job Drill	Firmed	-	2/4/19	10 Ea	0 Ea	10 Ea	\$2.45/Ea	\$24.50
5		AC40156	10-R18#56	No. 56 Us 118 Pol Hs Job Drill	Firmed	-	2/15/19	10 Ea	0 Ea	10 Ea	\$1.67/Ea	\$16.70
6		AFS482B		Wrench	Firmed	-	1/30/19	6 Ea	0 Ea	6 Ea	\$85.48/Ea	\$512.88
7		E3TZ-4730-A		Bumper	Firmed	-	1/30/19	6 Ea	0 Ea	6 Ea	\$29.07/Ea	\$174.42
8		FM14	FM14	Socket Tail Boom Nut	Firmed	-	2/28/19	12 pcs	0 pcs	12 pcs	\$29.07/pcs	\$348.84
9		FS121		Snap-On Socket, Shallow, 3/8", 6-Point	Firmed	-	2/8/19	10 Ea	0 Ea	10 Ea	\$27.26/Ea	\$272.60

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PURCHASE ORDER

PO042360



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10		K010-0608	18-38x12CVT	Hose Ø1/2 OD x Ø3/8 ID	Firmed	-	2/6/19	200 ft	0 ft	200 ft	\$0.50/ft	\$100.00
						100 X	JAN 28 2019					
11		OEX120B		Wrench	Firmed	-	2/6/19	12 Ea	0 Ea	12 Ea	\$53.80/Ea	\$645.60
12	189350	PFS-FW14S1		Washer D2529 : AS PER DWG D2529 REV. E	Firmed	-	1/30/19	500 Ea	0 Ea	500 Ea	\$0.028/Ea	\$14.00
						500 X	JAN 28 2019					
13	189222	PFS-LNSCC14P		Locknut D3014-1 : AS PER DWG D3014 REV. A	Firmed	-	1/30/19	50 Ea	0 Ea	50 Ea	\$0.057/Ea	\$2.85
						50 X	JAN 28 2019					
14		RBE-350INCLINOMETER	YA328A	Inclinometer	Firmed	-	2/11/19	5 Ea	0 Ea	5 Ea	\$69.53/Ea	\$347.65
15		RBT18561-11	0-5803 1/PK	Needle Nozzle Grease Gun	Firmed	-	2/18/19	10 Ea	0 Ea	10 Ea	\$16.62/Ea	\$166.20
16		RBT18561-45	6-TT30	A/C Belt Tensioner	Firmed	-	2/19/19	6 Ea	0 Ea	6 Ea	\$27.27/Ea	\$163.62
17		RBT18561-35	FRDH101	Offset 5/16 Torque Adapter	Firmed	-	2/11/19	6 Ea	0 Ea	6 Ea	\$55.97/Ea	\$335.82
18		C4513-2-1	0-5100037	Snap Ring	Firmed	-	1/30/19	20 Ea	0 Ea	20 Ea	\$0.09/Ea	\$1.80
						20 X	JAN 28 2019					
19		SWA6A-1200	MB4520DU	Lower DU Bearing	Firmed	-	2/4/19	5 Ea	0 Ea	5 Ea	\$10.09/Ea	\$50.45

Grand Total: \$4,836.93

CL



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PURCHASE ORDER PO042360



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/25/19 7:53 AM dart.lavoie.chantal

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE January 25, 2019
NUMBER 0000231726
CUSTOMER NO. DART

2 boxes

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER	
42360 ✓	EB	24-Jan-19		0000231726	
F.O.B.	SHIP VIA		TERMS		
F.O.B. value	OUR TRUCK / LOCAL		NET 30 DAYS		
PART NUMBER DESCRIPTION		UOM	QUANTITY REQ. SHIPPED B.O.		
0-SCR55H ENERPAC HAND PUMP WITH RC-55 CYLINDER DELIVERY: 8/2/19		EA	1		1
0-GW9010D 5/16" RATCHETING COMBO WRENCH GEARWRENCH DELIVERY: 8/2/19		EA	6		6
0-AB51127 #27 HSS STANDARD TAPER LENGTH DRILL BRIGHT FINISH DELIVERY: 1/2/19		EA	6	5 ✓	1
10-R18#12 #12 PTD HSS JOBBER DRILL 118 PT BLACK DELIVERY: 1/2/19		EA	12	9 ✓	3
10-R18#56 #56 PTD HSS JOBBER DRILL 118 PT BLACK DELIVERY: 1/2/19		EA	12	8 ✓	4
0-AFS482B 6.3/8" ADJUSTABLE FACE PIN SPANNER WRENCH SNAP-ON DELIVERY: 15/2/19		EA	6		6
0-E3TZ4730A ✓		EA	6	6 ✓	

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE January 25, 2019
NUMBER 0000231726
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

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42360	EB	24-Jan-19		0000231726	
F.O.B.	SHIP VIA		TERMS		
F.O.B. value	OUR TRUCK / LOCAL		NET 30 DAYS		
PART NUMBER		UOM	QUANTITY		
DESCRIPTION	LOCATION		REQ.	SHIPPED	B.O.
FORD BUMPER					
DELIVERY: 25/1/19					
0-FM14		EA	12		12
SNAP ON 3/8" DRIVE SOCKET 14mm 12 PT.					
DELIVERY: 28/2/19					
0-FS121		EA	10		10
SNAP ON SHALLOW SOCKET					
DELIVERY: 8/2/19					
18-38X12CVT	1718	EA	200	100	100
3/8 X 1/2 CLEAR VINYL TUBING					
DELIVERY: 1/2/19					
0-OEX120B		EA	12		12
SNAP-ON COMBINATION WRENCH					
DELIVERY: 1/2/19					
0-14FWSS	26A6	EA	500	500	
1/4 18-8 FLAT WASHER					
DELIVERY: 25/1/19					
13-14CSLN	23B0	EA	50	50	
1/4-20 TYPE C STOVER LOCKNUT					
DELIVERY: 25/1/19					

DAS
38
9-88

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HAWKESBURY ON K6A 3S6
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DATE January 25, 2019
NUMBER 0000231726
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P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
42360 ✓	EB	24-Jan-19		0000231726
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK / LOCAL	NET 30 DAYS		
PART NUMBER DESCRIPTION	LOCATION	UOM	QUANTITY REQ. SHIPPED B.O.	
0-YA328A SNAP ON ANGLE LOCATOR DELIVERY: 8/2/19		EA	5	5
0-5803 LINCOLN NEEDLE NOZZLE DELIVERY: 15/2/19		EA	10	10
6-TT30 TT30 30LBS TENSION TESTER DELIVERY: 1/2/19		EA	6	6
0-FRDH101 SNAP ON TORQUE ADAPTER DELIVERY: 8/2/19		EA	6	6
0-5100037 5100-037 RETAINING RING DELIVERY: 25/1/19	7D5	EA	20	20 22
0-GMBO45020WMU 45 x 50 x 20 DRY SLIDE BUSHING DELIVERY: 1/2/19		EA	5	5
THANKS ERIC				